



IFW

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No: 10/615,637 Docket No: FA038
Filing Date: 07/08/2003 Applicant: Maite Amazorraín
Examiner: BASTIANELLI, JOHN Art Unit: 3751
Title: POWER OPERATED GAS VALVE FOR HEATING, WITH A SAFETY VALVE

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL RESPONSE TO OFFICE ACTION

Dear Sir:

The following is in supplemental response to the Office Action dated 01/21/2005:

AMENDMENTS TO THE CLAIMS

1 1.- (Currently amended) A motor-operated valve for regulating a gas flow adapted for
2 the supply of a main gas flow and a pilot gas flow to an environmental heating appliance,
3 comprising:

4 a valve body (4) with a gas inlet conduit (6), an axial flow conduit (5) and a ~~number~~
5 plurality of gas outlet conduits (7,8,20) transverse to said axial flow conduit;

6 a valve spindle (10,10a) that slides linearly along said axial flow conduit (5) and at
7 least one cut-off member (11) provided with a return spring (17) coupled to the valve
8 spindle (10) to modulate a gas flow (3) directed to a main outlet conduit (8);

9 a motor (9) coupled on the valve body for actuating the valve spindle and its axial
10 movement in both directions;

11 a flame safety valve (14,15) provided with a magnetic assembly (14) located on one
12 side of the valve body opposite the motor (9) and in series with the inlet conduit (6):